



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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DOGM
MINERALS PROGRAM
FILE COPY

November 22, 1992³

Mr. Ronald R. Day
Vice President
Rancho Equipment Services
P.O. Box 591
279 East Main
Delta, Utah 84624

Re: Review of Notice of Intention to Conduct Large Mining Operations, Rancho Equipment Services (Rancho), Topaz Limestone Quarry, M/023/022, Juab County, Utah

Dear Mr. Day:

The Division has completed its review of your recent response (received November 4, 1993) to our September 21, 1993 review letter. After reviewing the information, the Division has the following comments that will need to be addressed before tentative approval may be granted. The comments are listed below under the applicable Minerals Rule heading. Please format your response in a similar fashion.

R647-4-106 Operation Plan

106.4 Nature of materials mined, waste & estimated tonnages

The Division recommends that a sufficient amount of fines be retained for placement over the regraded quarry upon final reclamation. We recommend a minimum six inch thickness of fines to cover the quarry. If the quarry area at the time of final reclamation is 7.2 acres, the amount of fines necessary to achieve this cover would be approximately 6000 cubic yards. Therefore, the Division recommends that Rancho stockpile at least this amount for reclamation purposes.



106.5 Existing soil types, location, amount

The Division recommends that a minimum six inch thickness of topsoil be placed over the entire site at final reclamation. If the total disturbed area at time of final reclamation is 16 acres, the amount of topsoil necessary to achieve this cover would be approximately 13,000 cubic yards. Any amount short of this should be replaced or supplemented with processing fines or other topsoil substitute growth medium. Therefore, if a topsoil shortage is expected, Rancho should plan to save more fines than the minimum amount of 6000 cubic yards. The total amount of soil coverage (depth of fines plus depth of topsoil) over the quarry should be at least twelve inches. The total amount of soil coverage over other portions of the site should be at least six inches (topsoil or topsoil plus fines). The entire site should have an even distribution of topsoil if possible.

R647-4-110 Reclamation Plan

110.5 Revegetation planting program

The use of straw mulch instead of hay mulch is acceptable.

R647-4-113 Surety

A draft reclamation surety estimate was previously prepared and forwarded to Rancho. The Division requests your comment and/or concurrence on the estimate. Also, the form and amount of the reclamation surety must be approved by the Board of Oil, Gas and Mining. Acceptable forms of surety include, but are not limited to, the following:

- 1) Corporate surety bond;
- 2) Federally-insured certificate of deposit made payable to the State of Utah, Division of Oil, Gas and Mining and the U. S. Department of the Interior, Bureau of Land Management;
- 3) Cash;
- 4) An irrevocable letter of credit issued by a bank organized to do business in the United States; and
- 5) Escrow accounts.

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Because the mine involves BLM managed lands, the surety will need to be made out jointly to both agencies. We also need a completed Reclamation Contract (Form MR-RC) before approval may be granted. A copy of this contract is enclosed.

R647-4-116 Public Notice & Appeals

Once the issues described in this letter have been resolved, the Division will be ready to issue tentative approval for Rancho's Large Mining Operation. At that time, the Division will publish a public notice which initiates a 30-day public comment period. At the end of the public comment period and/or after the resolution of any public concerns, the Division will seek concurrence/approval from the Board on the amount and form of Reclamation Surety.

Thank you for your cooperation in completing this permitting action. Please contact me, Holland Shepherd, Tony Gallegos, or Travis Jones of the Minerals staff if you have any questions regarding the requirements as outlined in this review letter.

Sincerely,

A handwritten signature in cursive script that reads "D. Wayne Hedberg".

D. Wayne Hedberg
Permit Supervisor
Minerals Permit Supervisor

jb
Attachment
cc: Rody Cox, BLM, House Range RA
Lowell Braxton, DOGM
Minerals Staff (route)
M023022.wp